Vestax

R-1 Premium

OWNER'S MANUAL

GENERAL CAUTION

❶ Please read this manual carefully. Vestax will not be responsible for the problems caused by improper use.
❷ Please save the original R-1 Premium carton and padding/packing. Always use them for transportation. If the unit is transported with improper packing and consequently damaged, the warranty repair will not apply.
❸ R-1 Premium is a very high-tech creation. Please use great caution in moving and setting up.

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CONGRATULATIONS!

Congratulations on your purchase of this quality product from Vestax Corporation: the sensational R-1 Premium.

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CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTI0N : TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING T0 QUALIFIED SERVICE PERSONNEL

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to consitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

T0 REDUCE THE RISK 0F FIRE 0R ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE T0 RAIN 0R M0ISTURE.

CAUTION : TO PREVENT ELECTRIC SHOCK,MATCH BLADE OF PLUG TO WIDE SLOT, FULLY INSERT

ATTENTION : P0UR EVITER LES CH0CS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESP0NDANTE DE LA PRISE ET P0USSER JUSQU' AU F0ND

IMPORTANT SAFEGURDS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read instructions-All the safety and operating instructions should be read before the appliance is operated.
2. Retain instructions-The safety and operating instructions should be retained for future reference.
3. Heed Warnings-All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions-All operating and use instructions should be followed.
5. Cleaning-Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments-Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture-Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
8. Accessories-Do not place this product on an unstable cart, stand, tripod, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart,. stand, tripod, bracket, or table recommended by the manufacturer, or sold with product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. Power sources-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company.
11. Lightning-For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
12. Overloading-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
13. Object and Liquid Entry-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
14. Servicing-Do not attempt to service product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.

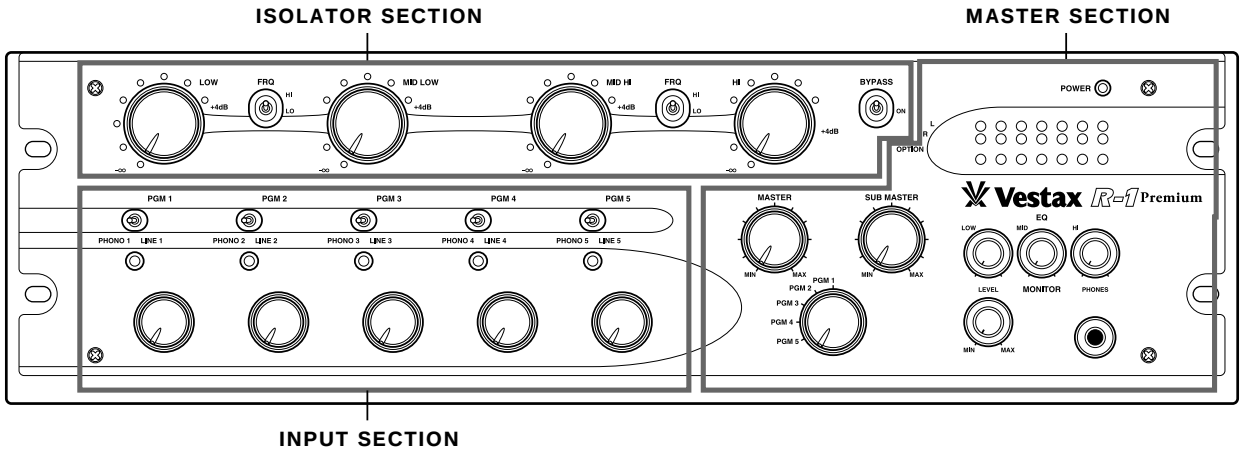
15. Damage Requiring Service-Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    a. When the power-supply cord or plug is damaged.
    b. If liquid has been spilled or objects have fallen into the product.
    c. If the product has been exposed to rain or water.
    d. If the product dose not operate normally by following the operating instructions. Adjust only those controls that are coverd by the operating instructions as an improper adjustment of other, controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
    e. If the product has been dropped or cabinet has been damaged.
    f. When the product exhibits a distinct change in performance this indicates need for service.
16. Replacement Parts-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock or other hazards.
17. Safety Check-Upon completion of any service or repairs to product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
18. Carts and Stands-The appliance should be used only with a cart stand that is recommended by manufacturer.
19. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

FEATURES

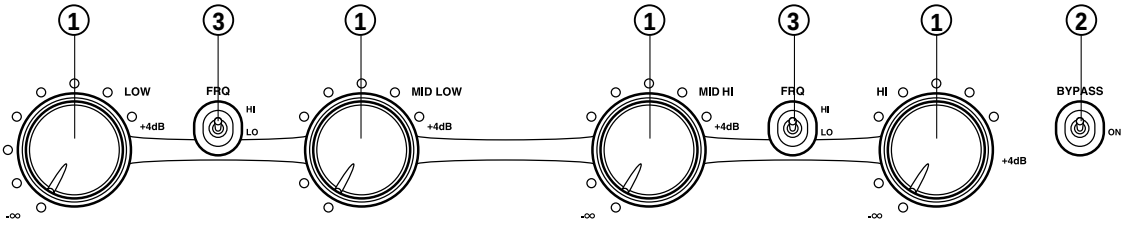
- 5 programs, each with a phono / line switch, are provided with large rotary knob. Alps custom-made volume pot generates perfect torque and extremely long life.
- Built in 4-band isolator allows DJs to totally separate sounds with the use of our "infinity cut".
- Dedicated 3-band EQ is provided for Sub master output. This enables perfect monitoring in the DJ booth.
- Insert type effect loop on each channel makes for easy connection of external EQs and other effects on individual programs.
- Superb quality, hand made line transformer generates a warm, thick sound.
- Signal / Peak LED on each channel.

FUNCTIONS

FRONT PANEL



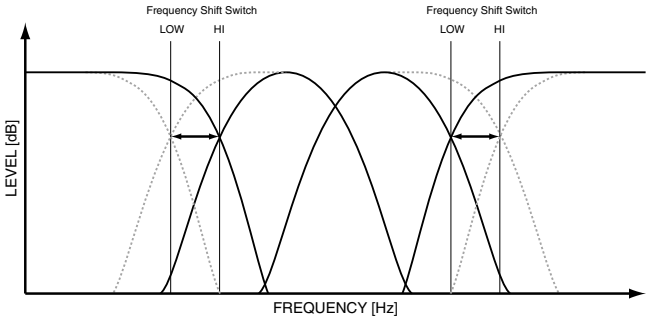
■ISOLATOR SECTION



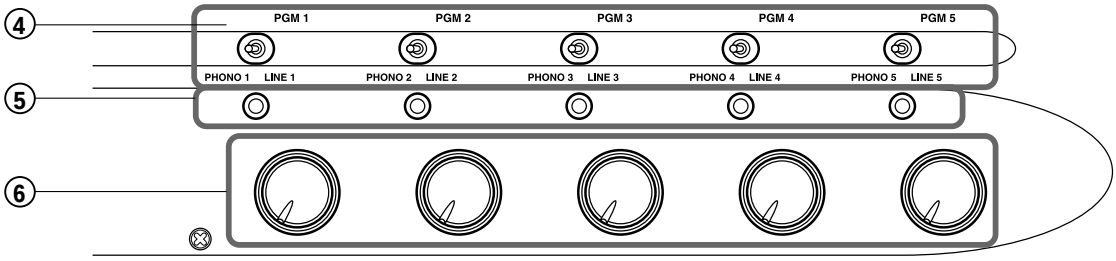
① **ISOLATOR [HI, MID-HI, MID-LO, LO]**
Cuts and boosts each frequency range. The level is flat when this knob is set at 12 o'clock.

② **BYPASS SWITCH**
When set to the "OFF" mode(upward), a full range signal is transmitted regardless of the position of any controls.

③ **FREQUENCY SHIFT SWITCH**
Adjusts the frequency dividing point. When this switch is moved to the right, the frequency dividing point increases. Moved to left, the dividing point decreases. This switch controls the points between HI and MID-HI, and MID-LO and LO.



■INPUT SECTION

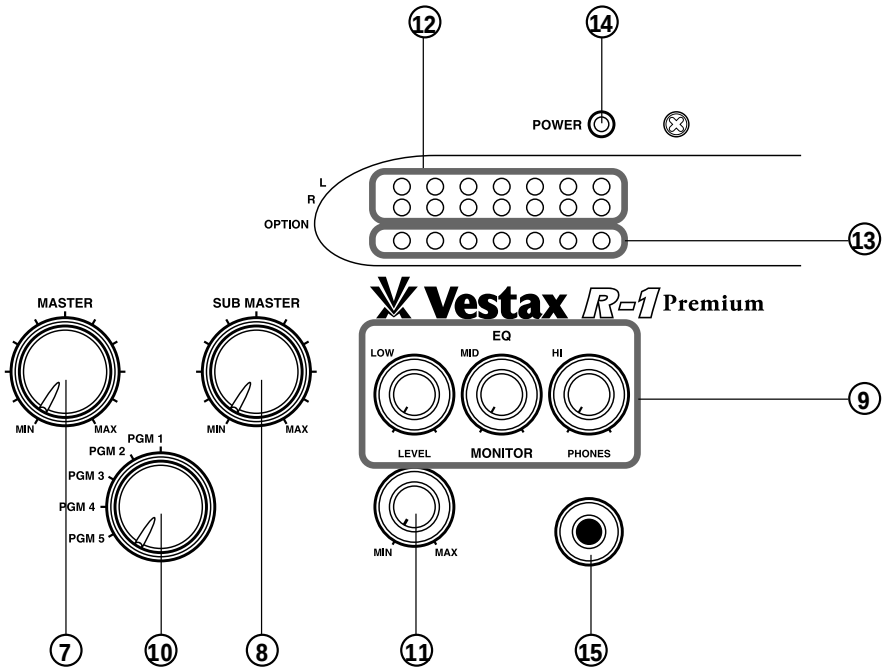


④ **INPUT SELECT SWITCH (PGM1～5)**
Used to select the input to be sent to each PGM channel.

⑤ **PEAK LED INDICATOR**
Lights up when the signal is fed to the channel. It turns on in green with nominal signal, and it turns to red if the input signal level is too high. If it lights in red, please drcrease input gain using the gain volume (⑱).

⑥ **INPUT LEVEL VOLUME (PGM1～5)**
Used to adjust the input level of each PGM channel. Usually set at the 7-8 position (2 o'clock).

■MASTER SECTION



⑦MASTER LEVEL VOLUME
Used to adjust the master output level. Usually adjust so that the first red in the master level meter (⑫) blinks at the peak level.

⑧SUB MASTER LEVEL VOLUME
Used adjust the output level from the sub master output jack (㉔).

⑨SUB MASTER EQUALIZER
Three band equalizer for the booth. It is applicable only for the sub master output.

⑩CUE SELECT SWITCH
Used to select the cue signal to be monitored by headphones from each PGM channel.

⑪HEADPHONE LEVEL VOLUME
Adjust the monitor level of the headphones.

⑫MASTER LEVEL METER
The LED level meters indicate the signal level of MASTER LEVEL VOLUME.

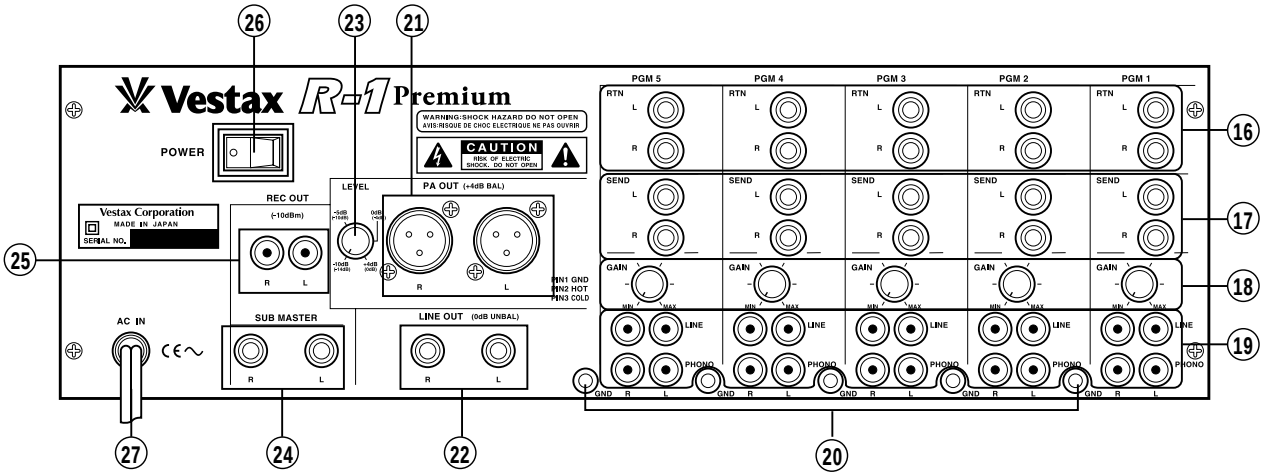
⑬OPTION LEVEL METER
Indicates the input level of the channel, which is selected by the cue select switch(⑩).

⑭POWER INDICATOR
Illuminates when power is on.

⑮HEADPHONE JACK
Used to connect the headphones with impedance from 8～150 ohm.

REAR PANEL

■REAR PANEL SECTION

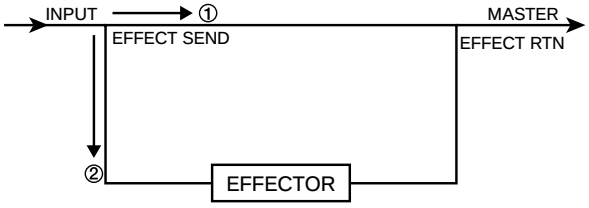


⑯PGM RTN 1/4" Phone Jack

Receives the signal from the external effect, EQ, etc.. The internal signal route is disconnected when a plug is connected to this jack.

⑰PGM SEND 1/4" Phone Jack

Sends the input signal to the external effect, EQ, etc..



⑱PGM GAIN

Adjusts the input level of each PGM channel.

⑲INPUT JACK - PHONO/LINE

PHONO: Connect turntables equipped with MM (Moving Magnet Type)cartridge. The signal from the turntable is fed to the PGM channels when Phono input is selected.

LINE: Connect the equipment with line level output (-10dB or 0dB). Such equipment includes CD players, tape decks, DATs, MDs etc. The signal from line level equipment is fed to the PGM channels when Line Input is selected.

⑳GND TERMINAL

Connect this terminal to the ground lead of the turntable.

㉑PA OUT [Balanced XLR MALE, 2:HOT/-10dB～4dB]

The main output jack to connect to the power amplifier.

㉒LINE OUT ［1/4" PHONE /-14dB～0dB］

Sends the same signal as the PA OUT㉑. Used to connect to the secondary amplifie.

㉓PA OUT LEVEL

Used to adjust the signal level from -10dB ～ +4dB（PA OUT）or -14dB ～ 0dB（LINE OUT）

㉔SUB MASTER OUT

Mainly used to feed the signal to the DJ booth. It also can be used as the substitute of the PA out.

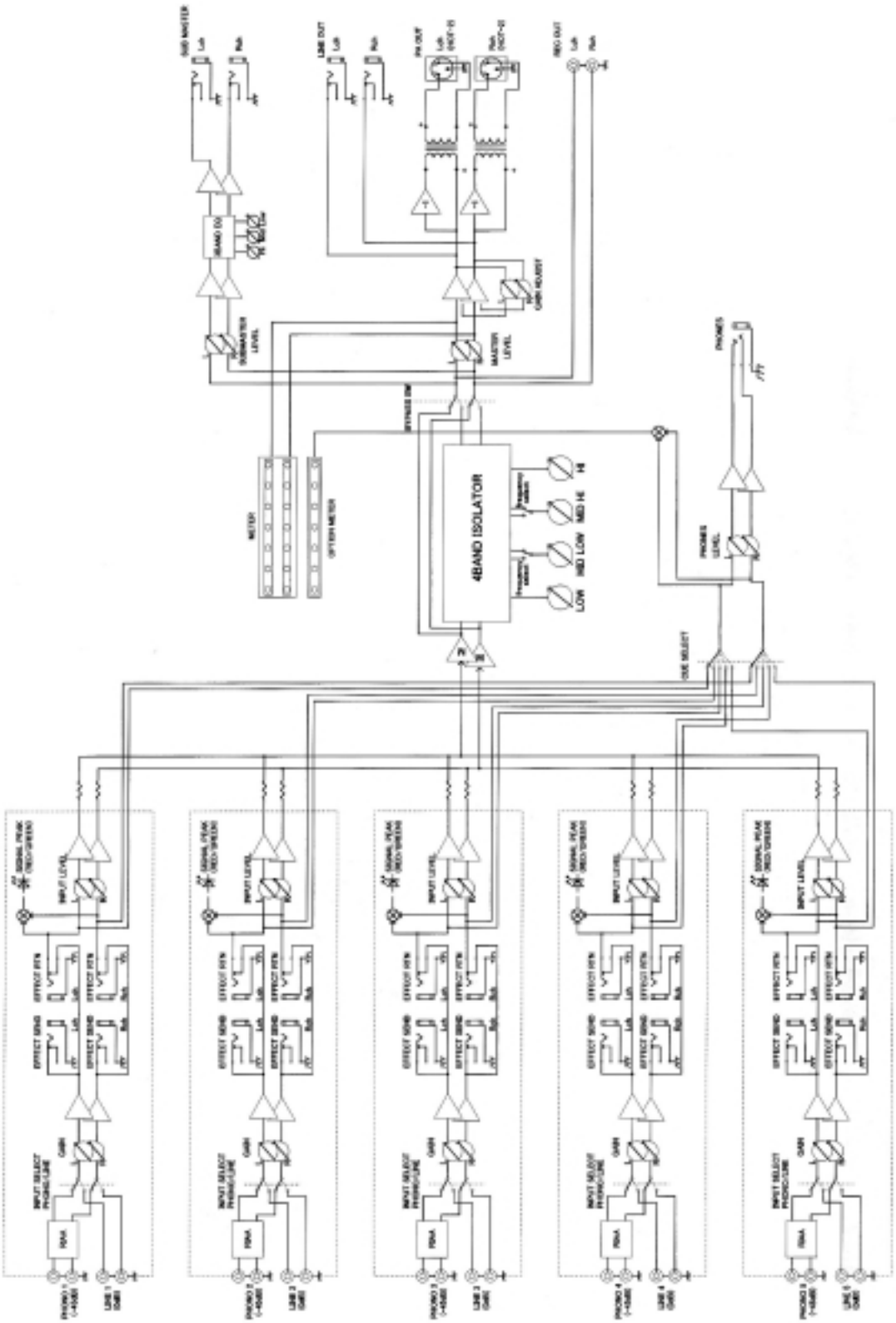
㉕REC OUT

Used to send the signal to the recording device. The MASTER LEVEL VOLUME is not applicable to the signal from this jack.

㉖POWER SWITCH

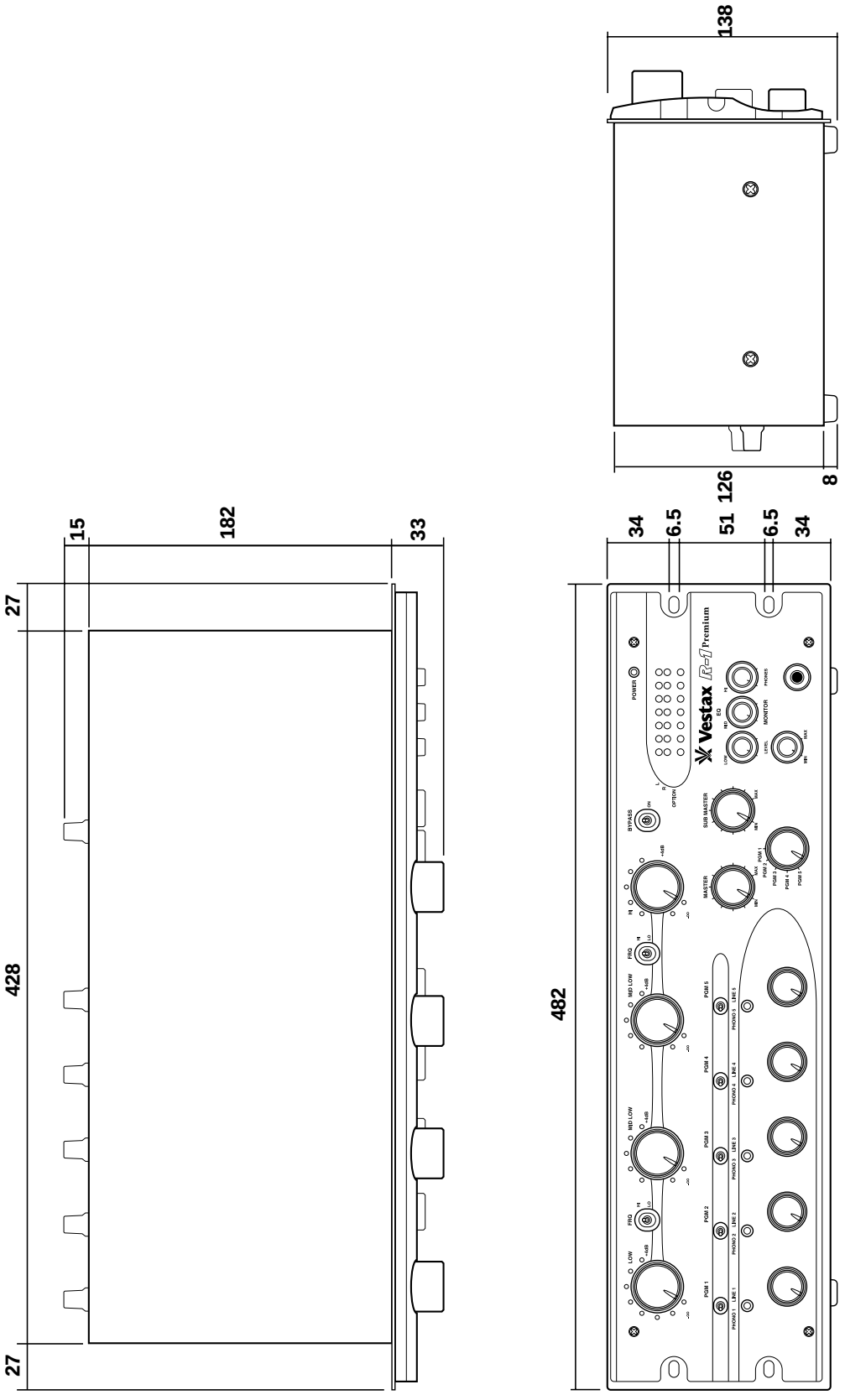
㉗AC POWER CORD

BLOCK DIAGRAM



SPECIFICATION

		NOMINAL INPUT LEVEL	MAXMUM INPUT LEVEL	IMPEDANCE
INPUT SECTION	PHONO 1～5 L/R（RCA PIN JACK）	-48dB	-18dB	57kΩ
	LINE 1～5 L/R（RCA PIN JACK）	-10dB	+20dB	16kΩ
	AUX RETURN 1～5 L/R（1/4 inch PHONE JACK）	-10dB	+16dB	15kΩ
		RATED OUTPUT	MAXMUM OUTPUT	IMPEDANCE
OUTPUT SECTION	AUX SEND L/R（1/4 inch PHONE JACK, UNBALANCE）	-10dB	+22dBv	220Ω
	PA OUT L/R（XLR MALE 3PIN, HOT～2, BALANCE）	adjustable +4～-10dB	+24dBv	100Ω
	LINE OUT L/R（1/4 inch PHONE JACK, UNBALANCE）	adjustable ±0～-14dB	+22dBv	220Ω
	SUB MASTER（1/4 inch PHONE JACK, UNBALANCE）	0dB	+22dBv	220Ω
	REC OUT（RCA JACK, UNBALANCE）	-10dB	+19dBv	600Ω
	HEAD PHONE OUT（1/4 inch PHONE JACK）	-	200mW (47Ω LOAD)	47Ω
FREQUENCY RESPONSE	20 ～ 20kHz（±0～-1dB）			
CHANNEL CROSSTALK	＜-80dB			
S/N RATIO	＜-68dB（phono input short）			
DEMENTION（W x H x D）	482 x 138 x 230（mm）			
FADER ATTENUATION	＞ 88dB（IF.MF）			
WEIGHT	8kg			
POWER	AC 120V or 230V, 22W			


138
8
126
15
182
33
27
428
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34
6.5
51
6.5
34
482
Vestax
Premium
POWER
MONITOR
PHONES
BYPASS
SUB MASTER
MASTER
LOW
MID LOW
MID HIGH
HIGH
FRQ
PGM 1
PGM 2
PGM 3
PGM 4
PGM 5
PHONO 1
LINE 1
PHONO 2
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PHONO 3
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LINE 5

Vestax Corporation

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